

California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program No. R1-2007-0075  
(Replaces Monitoring and Reporting Program No. R1-2006-0062)

FOR

Atlantic Richfield Company  
626 Broadway  
Eureka, California

Humboldt County

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of groundwater and submission of technical reports. Reports are required on a quarterly basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site.

Under the authority of CWC section 13267, the Discharger named above is required to comply with the following:

**MONITORING**

1. The presence of floating product shall be evaluated in each monitoring well quarterly. If detected, the thickness shall be measured to at least 0.01 foot increments quarterly.
2. The depth to groundwater in each monitoring well shall be determined to at least 0.01 foot increments quarterly. The results of each quarter's elevation shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
3. Each monitoring well shall be sampled quarterly. The analyses shall be performed at a certified laboratory for Total Petroleum Hydrocarbons as gasoline (TPH-G), Total Petroleum Hydrocarbons as diesel (TPH-D), benzene, toluene, ethylbenzene, and xylene (collectively identified as BTEX).
4. All newly installed monitoring wells will be sampled quarterly for the contaminants applicable to the area of well installation.

## REPORTING

A groundwater elevation contour map shall be submitted for each quarterly set of measurements and include the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured. Quarterly monitoring reports, including quarterly gradient data and sampling data, shall be submitted to this office in accordance with the following schedule:

<b><u>Reporting Period</u></b>	<b><u>Due Date</u></b>
January, February, March	April 30
April, May, June	July 30
July, August, September	October 30
October, November, December	January 30

All data and reports shall be electronically submitted in the proper format to the State Water Resources Control Board's GeoTracker database.

Ordered by \_\_\_\_\_  
Robert R. Klamt  
Interim Executive Officer

August 28, 2007

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